

IN THE CLAIMS

Claims 1-19 (Cancelled)

20. (Currently Amended) A process for detecting the presence of a nucleoside diphosphate in a sample, comprising a step of detecting the dephosphorylation of the phosphoenzyme form of a nucleoside diphosphate kinase (NDPK), wherein the NDPK is an NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, which is modified to carry an extrinsic IDCC label attached to cysteine at position 112 in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

Claims 21-26 (Cancelled)

Claim 27. (Previously presented) The process of claim 20, wherein the nucleoside diphosphate is ADP or GDP.

Claim 28. (Cancelled)

Claim 29. (Previously presented) The process of claim 20, being a quantitative process.

Claims 30-38. (Cancelled)